

AUTOMOTIVE CAREERS

DO YOU LIKE:

- ◆ Troubleshooting and fixing problems?
- ◆ Working with your hands?
- ◆ Talking to people?
- ◆ Thinking creatively to solve complex problems?
- ◆ Learning and using new technologies?



Title	Inexperienced Wage	Average	Median	Middle Range	Training
Automotive Service Technicians & Mechanics	\$10.69	\$17.72	\$16.76	\$12.45 - \$22.20	Post Secondary Vocational Training

JOB OUTLOOK

Job opportunities are expected to be very good for people who complete automotive training programs in high school, vocational and technical schools, or community colleges. Those without formal training will face competition for entry-level jobs.

JOB DESCRIPTION

- Examine vehicles to determine extent of damage or malfunctions
- Diagnose the source of a problem quickly and accurately
- Test drive vehicles, and test components and systems using equipment such as infrared engine analyzers, compression gauges, and computerized diagnostic devices
- Repair, reline, replace, and adjust brakes
- Review work orders and discuss work with supervisors
- Follow checklists to ensure all important parts are examined including belts, hoses, steering systems, spark plugs, brake and fuel systems, wheel bearings, and other potentially troublesome areas
- Plan work procedures, using charts, technical manuals, and experience
- Test and adjust repaired systems to meet manufacturers' performance specifications
- Confer with customers to obtain descriptions of vehicle problems, and to discuss work to be performed and future repair requirements
- Perform routine and scheduled maintenance services such as oil changes, lubrications, and tune-ups
- Disassemble units and inspect parts for wear using micrometers, calipers, and gauges
- Repair and service air conditioning, heating, engine-cooling, and electrical systems
- Repair or replace parts such as pistons, rods, gears, valves, and bearings
- Work with electronic diagnostic equipment and computer-based technical reference materials

AUTOMOTIVE CAREERS



WORKING CONDITIONS

- About half of Automotive Service Technicians work a standard 40-hour week, but almost 30 percent work more than 40 hours a week
- Must be able to lift heavy parts and tools
- Must be able to see clearly up close
- Must be able to bend, stretch, twist and reach

EMPLOYER REQUIREMENTS

- Technical Skills
- Computer Skills
- Possess Own Tools
- Inspection Skills
- Transmission Repair Skills
- Knowledge of vehicles' complex components & how they work
- Knowledge of Safety Procedures

FOR TRAINING

Bridgerland Applied Technology College

<http://batc.edu/programs.html>

Clearfield Job Corps

<http://clearfield.jobcorps.gov/student/voc/auto.htm>

College of Eastern Utah

<http://www.ceu.edu/departments/default.aspx>

Davis Applied Technology College

<http://www.datc.edu/programs>

Dixie Applied Technology College

<http://www.dixieatc.org/CertificatePrograms.htm>

Dixie State College

<http://new.dixie.edu/technology/>

Mountainland Applied Technology College

<http://www.mlac.edu/areas-of-study/programs.html>

Salt Lake Community College

<http://www.slcc.edu/areasofstudy/>

Salt Lake/Tooele Applied Technology College

<http://www.sltac.org/programs/index.php>

Snow College

<http://www.snow.edu/general/divisions.html>

Southwest Applied Technology College

<http://www.swatc.org/programs/index.php?p=10>

Uintah Basin Applied Technology College

<http://www.ubac.tec.ut.us/>

Utah Valley University

<http://www.uvsc.edu/techcom/departments/index.html>

Weber State University

http://www.weber.edu/programs_courses/University/collegesdepartments.html

High School

CTE Programs: www.utahcte.org

Related Job Info: <http://careers.utah.gov>

<http://jobs.utah.gov>

Build your own Automotive Career Ladder



Picture yourself here!

Occupation _____

Inexperienced wage per hour: \$ _____

Required training/experience: _____

Target completion date: _____

Training institution: _____

Funding: _____

Occupation _____

Inexperienced wage per hour: \$ _____

Required training/experience: _____

Target completion date: _____

Training institution: _____

Funding: _____

Occupation _____

Inexperienced wage per hour: \$ _____

Required training/experience: _____

Target completion date: _____

Training institution: _____

Funding: _____

Occupation _____

Inexperienced wage per hour: \$ _____

Required training/experience: _____

Target completion date: _____

Training institution: _____

Funding: _____

NOTES: